MARVEL STUDIOS

# EPISODE 4

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MARVEL STUDIOS
Presents

A
KEVIN FEIGE
Production

MARVEL STUDIOS

# ECHO

Directed by ..... SYDNEY FREELAND
Written by ..... KEN KRISTENSEN
and JOSH FELDMAN
& CHANTELLE M. WELLS

BASED ON THE MARVEL COMICS

Executive Producers ..... KEVIN FEIGE
STEPHEN BROUSSARD
LOUIS D'ESPOSITO
BRAD WINDERBAUM
VICTORIA ALONSO
RICHIE PALMER
JASON GAVIN
MARION DAYRE
SYDNEY FREELAND
Co-Executive Producers ..... AMY RARDIN
JENNIFER L. BOOTH
Line Producer ..... JASON TAMEZ
Director of Photography ..... KIRA KELLY, ASC
Production Designer ..... CHRIS TRUJILLO
Edited by ..... CHRIS MCCALEB, ACE
SHELBY HALL
Unit Production Manager ..... JOHN BURTON WEST
First Assistant Director ..... DOUGLAS PLASSE
Second Assistant Director ..... KATY GALOW
Costume Designers ..... AMBRE WRIGLEY
STACY CABALLERO-FOUSHEE
Visual Effects Supervisors ..... JOHN HALEY
KAREN HESTON-PECK
Visual Effects Producers ..... TRICIA PIFER
JOE GREENBERG
Music by ..... DAVE PORTER

Music Supervisors ..... DAVE JORDAN
JUSTINE VON WINTERFELDT
Casting by ..... SARAH HALLEY FINN, CSA
KRISTA HUSAR, CSA

Georgia

This project was completed with assistance from the Georgia Film Office, a division of the Georgia Department of Economic Development

Second Unit Directors ..... MARC SCIZAK
PAUL JENNINGS
Supervising Producers ..... ELEENA KHAMEDOOST
CHRISTINA D. KING
KEN KRISTENSEN
Consulting Producer and ASL Master ..... DOUGLAS RIDLOFF
Consulting Producers ..... CHANTELLE M. WELLS
JESSICA MECKLENBURG
DARA RESNIK
Co-Producer ..... JOSH FELDMAN
Executive Story Editors ..... STEVEN PAUL JUDD
SHOSHANNAH STERN
BOBBY WILSON
REBECCA ROANHORSE
Visual Development Supervisor ..... RODNEY FUENTEBELLA
VP Visual Effects ..... ERIC SCOTT
VP Post Production ..... JON GOLDSMITH
Supervising Sound Editors ..... CHRIS GRIDLEY
JON BORLAND
Re-Recording Mixers ..... KAROL URBAN, CAS
CHRISTOPHER BARNETT
Creative Finishing Supervisor ..... EVAN JACOBS
Score Supervisor/Supervising Music Editor ... ANELE ONYEKWERE
Consulting Producer ..... SARAH HALLEY FINN

## CAST

Maya Lopez ..... ALAQUA COX
Henry Black Crow Lopez ..... CHASKE SPENCER
Chula ..... TANTOO CARDINAL
Skully ..... GRAHAM GREENE
Bonnie ..... DEVERY JACOBS
Biscuits ..... CODY LIGHTNING
Wilson Fisk/Kingpin ..... VINCENT D'ONOFRIO
William Lopez ..... ZAHN MCLARNON
Young Maya ..... DARNELL BESAW
Taloa ..... KATARINA ZIERVOGEL
Lowak ..... MORNINGSTAR ANGELINE
Tuklo ..... DANNIE MCCALLUM
Young Chula ..... ISABELLA MADRIGAL
Young Bonnie ..... WREN ZHAWENIM GOTTS
Woody ..... WES JETTON
Caroline ..... GERALDINE KEAMS

Ancestors . . . . . BRAYDEE CARDINAL
PANTHER TIWA
ACOSIA RED ELK
ELIZABETH FRANCES
JULA HARJO
CRICKETT TIGER
CHEROKEE JACK
DAVID MIDTHUNDER
DOC NATIVE
ANTHONY "THOSH" COLLINS
PHILLIP BREAD
SETH FAIRCHILD
Ice Cream Vendor . . . . . KEITH CAMPBELL
ASL Interpreter 3 . . . . . ALEXIS CAPOZZI
Virtual Interpreter . . . . . DOUGLAS RIDLOFF
Voice of Virtual Interpreter . . . . . RENEE ALBERT
Fisk Phone Goon . . . . . CHRIS MCCALEB

Stunt Coordinator . . . . . MARC SCIZAK
Co-Stunt Coordinator . . . . . KEITH CAMPBELL
Key Stunt Rigger . . . . . KYLE WEISHAAR
Fight Coordinators . . . . . LOYD BATEMAN
MIKE WILSON
Asst. Fight Coordinator . . . . . CHRISTOPHER TROY
Stunt Office Administrator . . . . . CHRIS NAYLOR
Maya Stunt Double . . . . . CAITLIN DECHELLE
Kingpin Stunt Double . . . . . JOSH DIOGO
Maya Driving Double . . . . . CRYSTAL HOOKS
Maya Motorcycle Double . . . . . DENA SODANO
Stunt Drivers . . . . . JOEL BRAMBILA
LOUIE NORTHERN
REGIS HARRINGTON

Stunt Performers

KEITH ADAMS
STEVEN ATKINSON
DERRICK BURBAGE
PETER CHANSEYHA
JUSTIN EATON
COURTLAND FULLER
ADAM HART
JULIENE JOYNER
CYRUS LEISY
RYAN MARI
SPENCER MULLIGAN
JOHN NANIA
ATHENA PERAMPLE
RYAN RASBERRY
CODY ROBINSON
PAUL TRUNZ
WILLIAM WEBER
HENRY AMOS
BEN AYCRIGG
BRYANT BURNETT
JEFFERSON COX
MIKE ENDOSO
DEAN GRIMES
JT HOLT
KARIN JUSTMAN
BRANDY LEWIS
TAYLOR MCDONALD
MATT MURRAY
CHRIS NAYLOR
LLOYD PITTS
GREG DELA RIVA
BRANDON SHAW
JOLENE VAN VUGT

Supervising Art Director . . . . . SEAN BRENNAN
Set Decorator . . . . . MELISA JUSUFI
Art Directors . . . . . LAUREN ABIOUNESS
CHRIS YOO
ERIC JOHNSON
Assistant Art Directors . . . . . ALAN LAMPERT
JAIME MARIN
Concept Illustrators . . . . . MATTHIAS BEEGUER
LAURENT BEN-MIMOUN
Lead Set Designer . . . . . THOMAS MACHAN
Set Designers . . . . . CHRIS MCGEE
MEGAN NARDUZZI
Art Department Coordinator . . . . . ADDIE BABCOCK
Digital Asset Manager . . . . . CHASE KLIBER
Specialist Set Designer . . . . . CHRISTOPHER WARD
Graphic Designer . . . . . JAMES HALL
Art Department Production Assistants . . . GRACIE SCHRECENGOST
BAILEY GATES
Storyboard Artists . . . . . JEREMY SIMSER
SIMEON WILKINS
SHERMAN KEW
ED LAROCHE
AARON SOWD

Head of Visual Development . . . . . RYAN MEINERDING
Visual Development Managers . . . . . HOLLY MYER
AJ VARGAS
Visual Development Coordinator . . . . . KELLY BURROUGHS
Visual Development Concept Artist . . . . . WINONA NELSON

Visual Development Concept Illustrators

NAOMI BAKER
IAN JOYNER
JOSH NIZZI
PHIL SAUNDERS
HENRIK TAMM
KEITH CHRISTENSEN
ANDREW KIM
MUSHK RIZVI
JANA SCHIRMER
MICHAEL UWANDI

A Camera/Steadicam Operator . . . . . NICK MULLER
A Camera First Assistant . . . . . ETHAN MCDONALD
A Camera Second Assistant . . . . . NICHOLE FIREBAUGH
B Camera Operators . . . . . BRIGMAN FOSTER-OWENS
HUGH BRASELTON
B Camera First Assistants . . . . . DWIGHT O. CAMPBELL
ADAM CASTRO
B Camera Second Assistants . . . . . ALEX WATERS
MIKE FITZGERALD
PAUL SANDERS
C Camera Operator . . . . . JOE ALLEGRO
C Camera First Assistant . . . . . MICHAEL FISHER
C Camera Second Assistant . . . . . KYLE FORD
Loaders . . . . . TOREY LENART
COREY BLAKE
Utility . . . . . JACK WACHTEL
Digital Imaging Technician . . . . . DANIEL HERNANDEZ
Crane Operator . . . . . PATRICK BARNES
Crane Technician . . . . . RORY BONNIN
Still Photographer . . . . . CHUCK ZLOTNICK
Drone Pilot . . . . . LOUIE NORTHERN
Drone Camera Operators . . . . . JON MYERS
DEKE KEENER
Drone Visual Safety . . . . . TRAVIS STEELE
Drone Utility . . . . . ADAM RIOUX
ZACH COST
Drone Camera First Assistant . . . . . JOSH GARY

Post Production Supervisors . . . . . KRISTI URIBES
JEN BERGMAN

Additional Editing . . . . . AMELIA ALLWARDEN

First Assistant Editors

TAYLOR C. ERVIN
ISABELL CHAVEZ VEGA
MARK SCOVIL
JOEY LIEW
MCKENNA COOK

Second Assistant Editors

ANDRÉS GAONA
DANIEL MARTENS
JENNY LINDAMOOD
TOJ MORA
ANEESA MEADOR
IVAN MOUTINHO
MATTHEW FARRUGIA

Apprentice Editor . . . . . GERI INGALL
Post Production Coordinators . . . . . LAURA QUINTELA
MARIAM YACOUB
Music Editors . . . . . ANNLIE HUANG
ERIC WEGENER
ROGER KOSTECK
Assistant Music Editors . . . . . KRYSTAL JOHNSON
REBECCA SHRAND
Apprentice Music Editor . . . . . ZACHARY OLSON
Music Editorial Coordinator . . . . . ASHLEY ALMADA
Supervising Marketing Editor . . . . . CRAIG TANNER

VFX Marketing Editors

DAVID BLACK
GEOFF MURILLO
MIKE STONE
IAN MCCLARREN
RYAN O'SULLIVAN
AMANDA WOODS

Editorial Production Assistants

TATYANA ARAVENA
JOSH TENEN
JAMIR WHITE
ALEX TOMEO
CASE CONNER
JANSSEN SWENT

Head of Finishing . . . . . MORNING STAR SCHOTT

Finishing Production Manager . . . . . THEA WARREN
Finishing Colorist . . . . . MATT WATSON
Finishing Color Assistants . . . . . KAELA BROWN
BRIAN CHANDLER
Finishing Data Technician . . . . . YESOD STONE
Finishing Conform Editors . . . . . HR BARNETT
DAVID CHRISTENSON
Production Assistant . . . . . ELIZABETH MOGAYZEL

Additional VFX Supervisor . . . . . SANDRO BLATTNER
On-Set VFX Supervisors . . . . . DAN AKERS
KEVIN RAFFERTY
JESSICA CHAMBERLIN
VFX Editor Lead . . . . . MICHAEL KAMENS

VFX Editors

KOSTA SARIC
TYLER WHITMAN
ANDREW VONA
ZEKE MORALES
ERIC STAPF
RON SOUTH

VFX Assistant Editor . . . . . MARIALYSE VEGA MARTINEY
VFX Production Managers . . . . . DENNIS MURILLO
JULIE BROWN
VERA BENNETT
On Set VFX Production Manager . . . . . MATT EBERLE
VFX Inhouse Artist . . . . . IAN GLAUM
VFX Accountants . . . . . LANEESA LANIER
TONI MESSERVEY
Assistant VFX Accountant . . . . . RYAN GRAY
VFX Payroll Accountant . . . . . JOSHUA PHILLIP-HUMMEL

VFX Coordinators

STEVEN BAKER
PATTY HAYES
TATE PUCHER
HELEN CHHEA
SARAH KAZUKO CHOW
HANK KILGORE
KELVIN BARROS ANDRADE

Additional VFX Coordinators

MIKAEL BETRU
ASHLEY NIZICH
SAMANTHA MACDOUGALL
CAROLYN NEWES
AMBER WEST

VFX Production Assistants

RYAN SALAS
NICOLE CASTILLO
COOPER ERNST
VINCENT CASCIANI
BRIAN ELLIS
LEONARD PEREZ

Data Wranglers . . . . . CASSIE ESPINOZA-OGDEN
CALVIN GREER
THOMAS HARRIS
Junior Data Wranglers . . . . . CAMERYN DAVIS
IAN BRUNEAU
VFX Witness Camera Operators . . . . . NIARA SIMONE ROBINSON
KALEE GRIFFIN
ANDREW JURKA
On-Set VFX Intern . . . . . KEVIN CESPEDES

Production Supervisor . . . . . AMY CHANCE
Production Coordinator . . . . . MK MARTIN
Assistant Production Coordinators . . . . . ANDY SIRAVANTA
GABRIELLE CORNISH
Travel Coordinator . . . . . KALYNN LITTLETON
Production Secretaries . . . . . BETHANY COHEN
VASHTI POWELL
Physical Asset Manager . . . . . ALEXANDRA HALE
Asset Warehouse Coordinator . . . . . TIM WHITEHEAD
Physical Asset Assistant . . . . . ALEXA MANUEL
Environmental Steward . . . . . FRANK AMOROSO
Second Second Assistant Director . . . . . MEGAN MORRISON

Additional Second Assistant Directors . . . . . RILEY FLANAGAN
MEAGHAN GILLENWATER
ADAM LEE
Key Set PA . . . . . DAN DIRKS
Health & Safety Manager . . . . . ALEXANDRA CASTELLANOS
Health & Safety Supervisors . . . . . TANEISHA POLK
TAYLOR THOMPSON
Script Coordinator . . . . . EVA TAYLOR
Script Supervisor . . . . . DEA CANTU
On-Set ASL Recordist . . . . . KYLE KING
Lead ASL Interpreter . . . . . AMANDA GRAZIAN

Production Assistants

ROBERT ADAMES
RAPHAEL BUHAY
DOT DADOUN
DEVIN ELLERY
MIKE RICHARDS
BRIDGET WEST
MARTHA ANGER
STEPHANIE CHUAH
ASHLEY DICKEY
TREY MCPHAUL
CHARLIE SURGENT

Health & Safety

JALYNN ADAMS
LISA BRYANT
KADEEM GILL
KYLE GORDON
JASLYN HARRIS
PRESTEN JACKSON
DREW LUCIANI
JOEL NELSON
LAWRENCE OFILI
MARCUS SAMPSON
GABE SUGARMAN
SIMONE WEBSTER
KYLIE WITTMER
MARCUS BANKS
AVERY COLVIN
SENETTA GLENN
LONDON HAMMOND
BLAKE HUGHES
LAUREN LAVERE
DEVIN MCKAY
NAKESHA NJIE
ERIN PARKER
EVA SEQUENS
RASHEEM TIDWELL
OCEANN WASHINGTON

Production ASL Interpreters ..... ASHLEY CHANGE
HENRY ETSITTY
AMANDA SHANNON

Production Controller ..... RICHARD CASTRO
Production Accountant ..... JEFFREY NEUMEIER
First Assistant Accountants ..... MATT DIGENNARO
LINDSEY ELLIS
CHERI HALL

Second Assistant Accountants

ZACH BRADFORD
ANITA LAGRAFF
DANIEL STANLEY
ANNA BUTTERMORE
SCOTT SCHREIBER
NICHOLAS WAGGONNER

Accounting Clerks ..... CHRIS FLIPPO
KRISTEN STEADHAM
JOHN UNDERWOOD
Marvel Streaming Accountant ..... DANIELLA LAGRAFF
Marvel Streaming Assistant Accountant ..... CURT KUTSCHER
Key Payroll Accountant ..... KIRSTEN SHORT
Payroll Accountant ..... TYLER HANSEN
Assistant Payroll Accountant ..... TAYLOR WARD
Above-the-Line Payroll Accountant ..... BLAKELY CLARK
Payroll Clerk ..... KIAUNNA KING
Construction Accountant ..... JIM SCAIFE
Construction Second Assistant Accountant ..... MONTAE REED
Construction Payroll Accountant ..... MIKE REGINA
Construction Payroll Assistant ..... SAVANNAH MARTIN
Construction Clerk ..... ELIZABETH UNDERWOOD
Choctaw Nation of Oklahoma Team ..... TERESA BILLY
IAN THOMPSON
SETH FAIRCHILD
STACY SHEPHERD
STACY HALFMOON
IllumiNative ..... EMI AGUILAR
CRYSTAL ECHO HAWK
JESSICA MCEVER
LEAH SALGADO
Cultural Coordinator ..... PESHAWN BREAD

SFX Supervisor ..... DAN SUDICK
SFX Foreperson ..... JOEL MITCHELL
SFX Coordinator ..... MARC BANICH
Pyro Supervisor ..... BRUCE MERLIN
Pyro Foreperson ..... CHRIS JOHNSON
SFX Accountant ..... CHAD WEAVER
SFX Buyer ..... JOAQUIN GONZALEZ
SFX Plaster Foreperson ..... TRAVIS HERITAGE
Design Technician ..... ETHAN CARNEY
SFX Moldmaker ..... DANIEL GREGORY
SFX Toolpersons ..... RUSTY HICKMAN
JOEL LANKFORD

SFX Technicians

DAVID HERON
JEFF KNOTT
JOSH MITCHELL
NICK NOLAN
JOEL STUDER
JARED FLEURY
STEPHEN KNOTT
MATT MCDONNELL
CARLOS PARK
THOMAS ZELL

Property Master ..... RUSSELL BOBBITT
Co-Property Master ..... JIM STUBBLEFIELD
Assistant Property Master ..... ASHLEE KYKER
Property Buyer ..... ADRIANNE SKRZYPEK
Property Accountant ..... KRISTI KING
Property Assistants ..... GRANT OGDEN
ERIN CHOROSZYLOW
LAURA LESTER
Property Coordinator ..... KRISTEN TATUM
Property Administrator ..... KELSEY HICKS
Property Warehouse Manager ..... KURT ST. JEAN
Leadperson ..... PAUL DETLEFSON
Assistant Set Decorator/Set Dec Buyer ..... MELISSA ARCARO
Set Dec Coordinator ..... JESSICA BAKER
Set Dec Buyers ..... MOLLIE ALEXANDER
TANYA WEBB
On-Set Dressers ..... CRAIG JOHNSON
ALICIA MARCHAND
Shop Foreperson ..... ZACHARY BARRETT
Set Decoration Fabricator ..... ROBERT SADAKA
Upholsterer ..... DAVID DUNGAN
Set Decoration Gangbosses ..... KYLE HOWSER
PARKER MORRIS
ROBERT SACCENTI

Set Dressers

MICHELE ANDERSON
CHRISTINE COOK
MATT PARKER
MATT HALLADAY
SYD HOWELL
DAVID MEAD
ADAM SCARBROUGH
PAUL TYSON
TERRY COLLINS
WILL EGAN
KHALIL GEORGE
THADDEUS HIGGINS
CHRIS MCGLAMERY
KASHIEF MOBARA
ANDREW SHEFF

Set Decoration Production Assistants ..... KATO LAWTON
NIKKI BLASI
SARAH IMLER
MACKENZIE BEARD

Production Sound Mixer ..... CHRIS GILES
Boom Operator ..... JARED WATT
Sound Utility ..... BRITTANY MYERS
Music Playback ..... JOHN MASKEW
Video Assist Operator ..... JESSE OLIVARES
Additional Video Assist Operator ..... JORDAN ELEY
Video Utility ..... CESWANNE LEWIS
Computer/Video Supervisor ..... ALEXANDER SEARS
Computer/Video Playback ..... CHRIS ADAMS

Chief Lighting Technicians. . . . . CARLOS BAKER
BOB BATES
Assistant Chief Lighting Technician . . . . . JERRY WHEAT
Lighting Console Programmer. . . . . MATT KLANN
Rigging Console Programmers . . . . . ANTHONY COBB
MICHAEL KLANN
Fixtures Foreperson . . . . . JOEL WARREN
Fixtures Best Boy. . . . . JASON WHITE
Fixtures Technicians. . . . . JUSTIN BROCK
PETE KLINGENBURG
Rigging Chief Lighting Technician . . . . . TOM FENDLEY
Rigging Assistant Chief Lighting Technician . . . . . BRITT REGAN
Rigging Electric Forepersons . . . . . RICHARD HICKS
MATTHEW BARNES
Lighting Network Foreperson . . . . . NICHOLAS COOGAN
Lighting Network Technicians . . . . . JEFFREY REID ANDREWS
NIKOLAS LOPEZ
Basecamp Electrician. . . . . JIMMY HERRING
Lighting Technicians . . . . . FROY MADRIGAL
HAILEY HANNIGAN
ED O'HARE
CHRIS PAULINA
CORNELIUS WILLIAMS

Rigging Electricians

RON BETTS — JACKSON FLYNN
FERNANDO GARCIA — JAMES HASHIMOTO
CARSON MAYNE — DEREK NOEL
PATRIC WILSON — RYAN BASSO
TYRELLE BROWN — AUSTIN BRYAN
MATTHEW CULLEN — IVAN GUIDEN
ERIC ZACHARY FORD — SEAN HELPER
MATTHEW HODGE — STEVEN KENNEDY
ALEX LENNEMAN — LATRONN LEWIS
CAMERON PUGH — KYLE RIPLEY
ALEXANDER WHARTON — DARIELLE WILLIAMS

Fixtures Technicians. . . . . STEVEN HARALSON
JUSTIN BROCK

Key Grip . . . . . RUDY COVARUBBIAS
Best Boy Grip . . . . . ROBERT KRAFT III
A Dolly Grip. . . . . RALPH SCHERER
B Dolly Grip. . . . . CRAWFORD RUSSELL III
Patriot Car Driver. . . . . MATTHEW BERNING
Key Rigging Grips . . . . . JERRY SANDAGER
FERNANDO FRAUSTO
Best Girl Rigging Grip . . . . . LAUNCELLE BUSTAMANTE
Rigging Grip Forepersons . . . . . TOMMY DONALD
JASON HAYNES
MICHAEL TRAVERS
Stratus Rig Technician . . . . . JUSTIN HARD
Stabilized Head Technicians . . . . . ROCKY BABCOCK
CHRIS DAWSON
Grips . . . . . JOSH GRAINGER
DANNY COOPER
CONOR DAILY
JEROME NORMAN
ADOLPH STEELE

Rigging Grips

JOHN BARBER — RYDER CLEGG
HANNAH GORDON — MITCHELL K HOBBY
ERIK KABIGTING — HANNAH LANDIS
DANNY PANGBURN — MALIK PAYNE
BRITTANY BLANTON — MITCHELL HOBBY
CHRIS MOORE — RYAN RICHARDSON
JAMES STILL — DIANA SUSTAITA
BRIAN WILLIAMS

Supervising Location Manager . . . . . RYAN SCHAETZLE
Key Assistant Location Managers . . . . . KYLE CAREY
JOHNNY CHEN
ANDREA KEENER
SAMANTHA MERTEN
Assistant Location Manager/H&S . . . . . RICKY TYREE
Location Coordinator . . . . . SLEAN PEAVY
Location Scouts. . . . . RENEE BROCK
JAMES BRADLEY SMITH

Assistant Location Managers

MIKE CAVE — EMORY HESTER
BRANDON PEARSON — REID PITTMAN
HANNAH SHLAPAK — EMILY ORAMA

Location Production Assistants

THOMAS BATLINER — NATE GORDON
DANIEL HOLTZCLAW — EVAN KINGSFIELD
ANDREW ROBERTS

Assistant Costume Designers. . . . . KIZZIE MARTIN LILLAS
KRISTINA ELAINE TAYLOR
Costume Supervisor . . . . . AMANDA STEELEY
Key Costumer. . . . . LAUREN DRISKILL
Key Background Costumers . . . . . ANDREW PATTERSON
JENNIFER KAMRATH
Set Costumers . . . . . JUSTIN ARMER
RIKI LECOTEY
MICHAEL LUTZ
CAITLIN MCCRAW
BENJAMIN GIBICSAR
Truck Costumer. . . . . MOLLY KAMRATH
Costume Coordinator . . . . . KAITLYN MARGARET SMITH
Head Ager/Dyer. . . . . KEITH HUDSON
Ager/Dyer . . . . . CAITLEY SYMONS
Head Cutter/Fitter. . . . . BEN WALSH
Shoppers . . . . . QUEENESHA GREGORY
VALERIA CHELALA
LA'TARCIA RILEY
Costumers. . . . . RYAN DEMPSEY
JESSIE AIKEN
JACOB COOPER
REGINE LINHARES
Costumers (LA) . . . . . RACHEL SORIANO
SARAH CREAGER
SHANNA KNECHT
Stitchers. . . . . SAMANTHA KINGSLAND
SOPHIA PARRISH
KEUMJA JULIE SHIN
REBECCA SHOEMAKER

Costume Production Assistants ..... ANNA MARIE SCHREIBER
CHRISTINA WEBLING
CASTIELLA LOMAS

Hair Department Head ..... MICHELLE DIAMANTIDES
Key Hairstylist ..... TRACI WALKER
Hairstylists ..... AISHA RUSSELL
TIM BLACKBURN
Bushto Background Supervisor ..... LOUISA ANTHONY
Makeup Department Head ..... JILLIAN ERICKSON
Key Makeup Artist ..... DEVIN MORALES
SFX Makeup Artist (Ancestors) ..... JONAH LEVY
Makeup Artists ..... JESSICA CRAIG
KELSEY BOUTTE
ADAM WALLS

Atlanta Casting by ..... TARA FELDSTEIN BENNETT, CSA
and CHASE PARIS, CSA
Casting Associate (LA) ..... JACQUELINE GALLAGHER, CSA
Casting Assistant (LA) ..... GREGORY KORN
Executive Assistant to Ms. Finn ..... ADYLENE VILLANUEVA
Casting Assistant (ATL) ..... TASHA WARD
Extras Casting Manager ..... TONY AVALOS
Associate Extras Casting ..... MARYMARGARET O'NEILL
Unit Publicist ..... JOHN PISANI
EPK Producer ..... KYLE LEONARD
BRAD BARUH
EPK Sound ..... DANIEL FABER
Indigenous Background Casting by ..... MIDTHUNDER CASTING
FREIHOFER CASTING

Production & Development Manager ..... SAMANTHA VINZON

Executive, Office of Mr. Feige ..... JENNIFER HAMILTON
Executive Assistant to Mr. Feige ..... MELISSA SCICLUNA
Executive Assistant to Mr. D'Esposito ..... BRIANNA DASILVEIRA
Streaming & Animation Executive ..... LIANA OJA
Production & Development Manager ..... MATT WILKIE
Executive Assistant to Mr. Winderbaum ..... CANDICE HORDE
Assistant to Ms. Booth ..... SANJANA CHOWDHURY
Assistant to Mr. Tamez ..... ALEC WITTSCHIEBE
Assistant to Ms. Freeland ..... DONATELA VACCA
Assistants to Ms. Cox ..... KLARISSA WEAVER
CELINE MCDUFFIE
Writer's Assistants ..... ELLEN MORTON
KAITLYN JEFFERS
PALOMA LAMB
Trainer to Ms. Cox ..... ANNE REUSS
Studio Teacher ..... CINDY SHERWOOD

Construction Coordinator ..... MIKE MILLER
Construction Co-Coordinator ..... TONY MEDINA
General Foreperson ..... JEFFREY MCMAHON
Paint Supervisor ..... LARRY CLARK
Purchasing Foreperson ..... ERIC DEYOUNG
Plaster Supervisor ..... ERNEST LOPEZ JR.
Lead Sculptor ..... JAMIE MILLER
Decorator Gangboss ..... BRETT TOMLINSON
Greens Coordinator ..... DANIEL GILLOOLY
Scenic Artist Foreperson ..... RALPH SARABI, JR.
Scenic Artists ..... CHAD HOLBROOK
SAMUEL PACTOL
Sign Writer Supervisor ..... MICHAEL VASQUEZ
Labor Forepersons ..... ALEX AGUILAR
RUBEN LAHN
AJ URQUIDEZ
Welding Foreperson ..... CALEB PHILLIPS
Millshop Foreperson ..... FREDERICK ROBERTS
Sign Writer Foreperson ..... ARCHER WATKINS
CNC Modeler ..... MARK KLIMKO
Buyer ..... JORDAN WATTS
Tool Foreperson ..... COLE MILLER
On-Set Construction ..... SHANNON MULLINS
Greens Gangbosses ..... KIERAN GILLOOLY
WILLIAM TRIPPE
Stand-by Greens ..... CHASE SHELTON
Paint Forepersons ..... GREG MUSSELMAN
LARRY FARRIS
ELIZABETH HAGGARD
MIKE TORINO

Greens Forepersons

MIKE FLYNN — CARY GOEN
OHN HEMPHILL — LARRY SCOTT
MALLORY SHELTON

Propmaker Forepersons

AMANDO CALHOUN — JEREMY ALAN COOK
JOE COUCH — SETH GARDNER
JOSEPH GRAY — DAVID LONG
WILLIAM MONROE — MICHAEL O'NEAL
DUSTIN PAYNE — BILLY ANDREW WADE

Catering by ..... TONY'S CATERING
Head Chef/Owner ..... TONY KERUM
Chef Driver ..... HOLMES JIM
Chef Assistants ..... WILL ADAN
GARRY NAZAIRE

Catering Assistants

EMELY GUADALUPE ADAN GONZALEZ — ARALIZ SOBERANIS
ESTEFANY YANET RODRIGUEZ — RUBEN RODRIGUEZ VEGA
JORGE LUIS FRAGOSO

Key Craft Service ..... BRYAN SHANK
Supervising Medics ..... DERRON DELANEY
NOAH HOWARD
Craft Service Assistants ..... FATEMEH AMINI
INDIA MARTIN
MICHAEL SAMMOUR
SHELLEY SMITH
Set Medic ..... SHAWN DELANEY
Medics ..... SANFORD BARDEN
MICHELLE STRAUSS
WILLIAM WILSON
Set Security ..... BREA CHILDS
JASON COLLIER
JOHN CULLINS
JACK ROACH
Transportation Coordinator ..... TYSON WEATHERFORD
Transportation Captain ..... GARY WEATHERFORD
DOT Coordinator ..... GRAHAM READY
DOT Compliance ..... SHANNON YOUNG
Transportation Dispatcher ..... LANA FISHER

Picture Car Coordinator ..... KEN GOLDWASSER
Picture Car Dispatcher..... RANDI LAYNE
Picture Car Mechanics.....BEN BLAZAVICH
CHRIS BRUBAKER
JORGE CASILLAS
Transportation Production Assistants .....BRETT RENOVA
PARKER CURTIS

Drivers

MICHAEL RENOVA — SHERI BURTON
NORRIS PITTS — ALFRED BOYKIN
RODNEY CURTIS — NIK ALLEN
RODNEY AUTREY — DUMONT CAMP
MANUEL CARLEY — DAVID CATO
RICKEY CROWE — RONNIE DAVIS
KENNETH DOBBS — MIKE DOBBS
CHARLES FARR — DIMITRI FOTOPOLUS
BRIAN GOLDMAN — KEVIN HARGROVE
SHANE HASTY — WAYNE HOGAN
RALPH HOLT — NATE HOWARD
JOEY HUEY — RICK IVEY
DALE JACKSON — KEVIN KELLEY
DONNA KOPACZ — MIKE LOUGHREY
CHARLENE MATTHEWS — GUS NEWTON
RAYMOND ODELL — ROBERT OXFORD
TRACY OXFORD — PHIL PARR
VICTOR PULLIAM — GAYLE RAWLINS
MIKE RODGERS — MITCH SEIGLER
AARON SMITH — KRISTIN SMITH
SHERRY STANLEY — KEVIN STONE
CHARLES TENNEY — MARSHALL TRUMPOUR, JR.
MARSHALL TRUMPOUR, SR. — DERRELL TWEEDELL
RAYMOND VICOS — TABITHA WALKER-ROGERS
TIM TWEEDELL — MATTHEW WATSON
ROBBY WELLS — TRAVIS WELLS
HELEN WESTBROOK — COUNTESS WILLIAMS
EARL WILSON — MATT WITZ
RON YOUNG — JOHNNY WOODRUFF
JENNIFER WATKINS — ROBERT TAYLOR
ZACH OXFORD — COREY JONES
KENNETH GARDNER — JEREMY CARLEY

## SECOND UNIT

First Assistant Directors ..... TIM FITZGERALD
DREW WHITEHOUSE
CODY WILLIAMS
Key Second Assistant Director .....KAYLEE JOHNSON
Directors of Photography ..... NICO AGUILAR
BRIAN PEARSON
Production Supervisor ..... RACHAEL LIN GALLAGHAN
Assistant Production Coordinator.....OLIVIA GUDE
A Camera Operator ..... RYAN WOOD
A Camera First Assistants.....MATT HEATH
IAN CAMPBELL
A Camera Second Assistants.....PETER JOHNSON
DANIEL IRONS
B Camera Operators..... DANNY ECKLER
KEITH PETERMAN
B Camera First Assistant .....ROBERTO DELGADO
B Camera Second Assistant.....RODELL FRANCIS
Digital Imaging Technicians .....QAIS KARADSHEH
KEVIN COLBER
Digital Utility.....LIZ METZ
KEVIN GASPAR
FREDERICK WYNN
Camera Loader.....NATHANIEL POOSER
Second Second Assistant Director ..... RYAN PEZDIRC
Assistant Prop Master .....MATTHEW MAHANY
Property Assistants..... ZACH RAWLINSON
RYAN CROWLEY
BROOKE CLAUSEN
On-Set Dresser.....KASHIEF MOBARA
On-Set Painters .....DOUGLAS LEDERMAN
LARRY FARRIS
SFX Set Foreperson ..... CAIUS MAN

SFX Technicians

STEPHEN KNOTT — JEFF KNOTT
JOSH MITCHELL — CARLOS PARK
CHRIS JOHNSON — BRUCE MERLIN
EZRA GREENBRIDGE

Makeup Dept Head ..... ADAM WALLS
Makeup Artists.....WILL ZUIDEMA
JESSICA CRAIG
KELSEY BOUTTE
TRUDIE STORCK
Sound Mixers ..... PAUL KATZMAN
GRAHAM KICKLIGHTER
Boom Operators .....MATT THOMPSON
BEN FARTHING
Hair Dept Heads .....RENE WARNES
LOUISA ANTHONY
Hairstylist..... DEE CALIPOLITTI

Set Lighting Technicians

JASON STATEN — WAYNE SWAB
SAM GABBARD — TITO HENRY
RALPH MAYORAL-PARRACIA — ALLISON CROWLEY
JOHNATHAN TERPSTRA — TRES JEFFERSON
LUIS ORTIZ-MORALES — JON TITUS
SEAN MEYER — MICHAEL GUMINSKI
DOUGLAS HARMES — STEVE BETOLATTI
DAN EMO — TIM RYAN
BRYAN KEENAN

Grips

ARIEL NIZNIK — NICOLE KNIGHT
WILL SHUSTER — CYNTHIA STIMPHILL
CHELO DE JESUS — VINNIE GANDOLFI
KELLY MARSHMAN — JOEL FERGUSON
JASON O'NEAL — DOM GOODIE
KIMANI RICHARDSON — MATTHEW GWYNNE
BRANDON BLACKLY — JAKE SIMMONS
PATRICK PIERRE — RAY SKINNER
BRAYDEN RICE

Production Assistants

MICHAEL O'LEARY
CHELSEA DOBRUCKI
ANDREW CRANE
JARON CLINKSCALES
NATERIA BARBER
COURTNEY HALL
MARTHA ANGER
GRANT PETRUCCI
CALEB GORDON-KILGORE
ALYSSA GOLDMAN
SANDRA YULIETH
RANDY BURNETTE
GARRETT SAMPSON
MALLARY BUNDY
MADDIE BRENT
JEFF DAVIS

## ADDITIONAL PHOTOGRAPHY UNIT

First Assistant Director ..... DAVID WATERS
Key Second Assistant Directors ..... ROB HOFFMAN
SCOTT BROWN

Stunt Performers

TANNER BYLE
JOHN CULLINS
CRYSTAL HOOKS
ALEX CHANSKY
CORY DEMEYERS
THEO KYPRI

Second Second Assistant Director ..... CAMERON EVERSON
Additional Second Assistant Director ..... VICTORIA RUPERT
Script Supervisor ..... KIMI WEBBER
Supervising Art Director ..... DREW MONAHAN
Art Director ..... LIZ WEDDING
Digital Asset Manager ..... CLAIRE CARSWELL
Art Department Coordinator ..... NANCY KING
Production Supervisors ..... ADAM BAYLESS
JESSE MORRISON
Assistant Production Coordinators ..... JORDAN LAVELLE
CHRIS MCINTURFF
Apprentice Editor ..... JAMIR WHITE
Data Wrangler (Splinter Unit) ..... GARY SANCHEZ
Production Coordinator ..... JOE COLAVINCENZO
Travel Coordinator ..... REBECCA DRUMMOND
A Camera First Assistant ..... ANDY HOEHN
A Camera Second Assistant ..... BOBBY MCMAHAN
B Camera First Assistant ..... PAUL WOODS
B Camera Second Assistant ..... TONY FALLICO
B Camera Operator ..... JOE BLANKINSHIP
C Camera Operator ..... CHRIS FENNER
C Camera First Assistant ..... COLIN DURAN
C Camera Second Assistant ..... NICHOLE CASTRO
Camera Second Assistant (Splinter Unit) ..... BROCK BYRD
Loader ..... DANNA GARCIA
Camera Utility (Splinter Unit) ..... FRED WYNN
Camera Operator (Splinter Unit) ..... BILL SAXELBY
Camera First Assistant (Splinter Unit) ..... GREG IRWIN
DIT ..... JAZZ PIERCE
Camera Utility ..... NASSRIN ALIABADI
ALEC SMIRDOLO

Production Assistants

KELLY BALAGURCHIK
DARRYL BYNEM
REBEKAH COVEY
SAM HURLEY
DORIEN JAEGAR
RICO LOAIZA
TRAVIS MEGUIRE
RILEY O'DELL
AARON SIMPSON
PETER SWANSON
CHRIS STYRON
DEJOANE BOWMAN
STEVEN CORRADO
MARLOWE DITTRICH
SHAYLA JACKSON
MATT JOHNSON
EDUARDO LOZANO
MALLORY PROST
DUSTIN RILEY
SALLIE SLEDD
CHELSEA SOLOMON
NICOLE TIERNAN

SFX Foreperson ..... STEVE FICKE
SFX Technicians ..... ROY MARTINEZ
BISHOP WATTS
Set Decorator ..... MÓNICA MONSERRATE
Leadperson ..... JASON OLSON
Set Dec Coordinator ..... COURTNEY DEES

Core Dressers

COLTON COMANS
BEN COUCH
JOHN BAYLES
CHELSEA STAGGS
TAK MASUDA
ADAM KNYCH
Buyer ..... RACHEL BELL
On-Set Dresser ..... MATT BARR
On-Set Dresser (Splinter Unit) ..... DAKOTA HEATON
Key Grip ..... JACK CHOUCHANIAN
Best Boy Grip ..... RYAN KIRK
B Dolly Grip ..... COREY CORONA
C Dolly Grip ..... ROB MCFALL
Production Controller ..... RUDY COBLENTZ
Production Accountant ..... LINDSEY ELLIS
First Assistant Accountants ..... FERNANDO BENITEZ
MAXWELL KOVAL
Second Assistant Accountant ..... RAKELL GIBBENS
Accounts Payable Clerk ..... ALDANY DIAZ
SARAH OSTROFSKY
Payroll Accountant ..... KATLYN NEYLON
Payroll Assistant ..... ALEXIS CALDWELL
Payroll Clerk ..... BRETT MARR
Assistant Property Master ..... ERIC KAGAN
Property Assistants ..... LAURA LESTER
MICHAEL HEATH
Production Sound Mixer ..... MARCUS PETRUSKA
Boom Operator ..... LEO NASCA
Sound Utility ..... KASHEED FRANCOIS
Video Assist Operators ..... ANDREW WILLIAMS
NOAH RASK

Grips

JENNIFER ASITIMBAY
DYLAN GENIS
MIKE RICHARDSON
FRANKIE ZAMORA
DAVID GENIS
DAVID LEWIS
TAWAND SMITH

Assistant Costume Designer ..... KRISTINA TAYLOR
Costume Coordinator ..... STACIA P. CLARKE
Set Costumers ..... RIKI LECOTEY
JOCELYN WALKER
Costume Assistants ..... DWAYNE CORNELIUS
SKYLAR SANDERS

Costume Supervisor ..... LESLIE ACTON
Key Costumer ..... ANDREW PATTERSON
Truck Costumer ..... MOLLY KAMRATH
Ager/Dyer ..... ANNE LEE
Extras Casting ..... ALYSSA JACOBSON
Labor Foreperson ..... BRYCE ALLEN
On-Set Paint ..... ANGIE DOVER
Head Chef/Driver ..... JOSE LOPEZ
Cook Manager ..... KEN CARROLL
Catering Assistants ..... ANGEL ADAN, JR.
DANIEL OSORIO
CRISTIAN PADILLA
BRYAN REYES
Key Set Medic ..... CECIL CHATMAN
Medic (Splinter Unit) ..... ELEASA MILANO
Location Manager ..... DAVID WILLIAMS
Location Coordinator ..... DIANA ARDILA
Assistant Location Managers ..... JOSHUA ACOSTA
LUIS CORRALES
DARRIUS TUCKER
Location Assistants ..... MARTIN AGUILAR
JENSEN CHAN
ETHAN COBB
Hairstylists ..... JEROME ALLEN
DAYARA CALIPOLITTI
Makeup Artists ..... JESSIE GAMBARDELLA
ADAM WALLS
On-Set Greens ..... CHARLIE TRIPPE
On-Set Construction (Splinter Unit) ..... JEFF HOFFMAN
Craft Service Assistants ..... SAMANTHA CUNNINGHAM
CHASE STAFFORD
Key Craft Service (Splinter Unit) ..... ESMIRNA VALDEZ
Craft Service Assistant (Splinter Unit) ..... ORENTHAL PATTERSON
Transportation Captain ..... CHARLES PICKARD
Picture Car Coordinator ..... JOSH FULLER
Picture Car Driver ..... ROBERT TWEEDELL
Picture Car Mechanic ..... TROY FRENCH

## MARVEL STUDIOS

Head of Business & Legal Affairs ..... DAVID GALLUZZI
VP Business & Legal Affairs ..... HILARY JAY
Senior Production Attorneys ..... GRACE HAERI
..... RYAN GLOVER
Production Attorney ..... MONIQUE CURRY
Credits Executive ..... JEFF WILLIS
Credits Manager ..... JENNIFER GIANDALONE
Script Clearances Executive ..... ERIKA DENTON
Clearances Manager ..... JENNIFER WOJNAR
Head of Production Finance ..... CHRIS MCCOMB
Production Finance Executives ..... MAX MCFARLAND
KATHY MATTES
KAREN CROSSLEY
MATT MONACO

Production Finance Managers

MIKE SMIGIELSKI
DAVID C. ROMANO
SHIRLEY HSIAO
AISTE ANKUDAVICIUTE
MADISON D. HEILMANN
JESSICA ALVAREZ
SONIA RANDAZZO

VP Security, Content Protection & Facilities ..... MATTHEW SLATOFF
VP Physical Production ..... TREVOR WATERSON
Physical Production Executive ..... MJ CABALLERO
Product Placement Executive ..... JULIE A. KELLER
Physical Production Manager ..... GRAHAM LAWYER
Story Manager ..... ANDREW REIBER
VP Visual Effects ..... JEN UNDERDAHL
Visual Effects Executive ..... GARY CARRILLO
Post Production Executive ..... GISELLE JOHNSON
Music Executive ..... FLETCHER BEASLEY
Post Production Manager ..... HEATHER BENNERS
VP Content Operations ..... RANDY MCGOWAN
Content Operations Executive ..... EVA PRELLE DEBOSE
Localization & Mastering Executive ..... ROMANA SAMARITANI
Digital Operations Executive ..... BRYAN PARKER
Digital Asset Coordinator ..... GLENN GARRIDO
VP Communications ..... ANGELA SHAW
Communications Manager ..... LAUREN PEREZ
VP Franchise Creative & Marketing ..... DAVE BUSHORE
VP Franchise Creative & Marketing ..... SARAH TRULY BEERS
Franchise Creative & Marketing Executive ..... KRISTY AMORNKUL
Head of Unscripted Content ..... JEFF REDMOND
Unscripted Executive ..... LISA ZUSMER DELPRETE
Head of Technology ..... EDDIE DRAKE
Production Technology Executive ..... KATIE HINSEN
Production Technology Managers ..... MICHAEL MALONEY
KATIE MITCHELL
ANDREW NIELD
HR Business Partner Executive ..... MAYERLING DIAZ-WILSON

Marvel Studios Parliament

STEPHEN BROUSSARD
JONATHAN SCHWARTZ
BRAD WINDERBAUM
NATE MOORE
TRINH TRAN

Marvel Studios Production & Development

SANA AMANAT
MICHELE BLOOD
JENN COCCIMIGLIO
KYANA F. DAVIDSON
RODERICK FLUCAS
BRIAN GAY
JILLIAN HENRY
KELSEY LEW
ISHI METKAR
NICK PEPIN
BOJAN VUCICEVIC
JENNA BERGER
BRIAN CHAPEK
GRANT CURTIS
EMILIE FLEUETTE
EMILY FONG
LAUREN GORALSKI
WENDY JACOBSON
MARY LIVANOS
ZOIE NAGELHOUT
JORDAN ROGERS
KEVIN R. WRIGHT

Marvel Studios Physical Production,
Post Production, and Visual Effects

DIDI ASUZU
DANNY BROWN
BEN FROHMAN
RANDI JACKSON
ABHINAV KALAVAR
TAMARIN PANAMA
ANDREA REGINE REYES
ALEXIS AUDITORE
ANDREA FALSONE
ALEXANDRA HALE
BILLY JANG
CHRISTOPHER MONROE
JACQUELYN RACINE
TANISSA POTROVITZA SCHOEN

Marvel Studios Legal

RYAN POTTER
JANE BECKER
DANIEL LOPEZ
MATTHEW GILBERT
RACHEL VIGNEAUX
NIGEL GOODWIN
DANIEL STURM
ASHLEY J.M. JONES

Marvel Studios Finance and Accounting

ANDREA ARCHILA
JENNY LYNN BURNETT
VIC CHIN
RANDELL GASKINS
NATTAKARN KULLAMART
JASON LEVINE
JOSE RODRIGUEZ-MORALES
MEL RAY SANDVIK
JAN S. UTSTEIN
WILL BJORHOLM
JEANNETTE CARDONA
SASITORN CHITRANIKROH
DAVID HEFFLER
VANESSA LANDRY
CHANDLER MARLIN
MATT ROZZANA
KELSEY SCHNEIDER
RACHEL YOFFE

Marvel Studios Franchise Creative & Marketing

CAPRI T. CIULLA
ADAM DAVIS
HAYLEY GAZDIK
DEREK LUMPKIN
JULIO PALACOL
JACQUELINE RYAN-RUDOLPH
SUSAN WAWER
DA'QUAN DAVIS
SOFIA FINAMORE
IRIS LEE
NIKKI MONTES
JINAH PARK
ARIEL L. SHASTEEN

Marvel Studios Content Operations

JULIE BALDONADO-SMALLWOOD
KAREN CHEN
JACINDA DOLWICK
ALY GIRLING
ELI HOLMES
ANIKA HUSSEN
JILLIAN LARGOZA
SUSANA LOU
LAUREN C. MEISENHEIMER
SABRINA SPARLIN
JIM VELASCO
TOBIAS BATES
MATT DELMANOWSKI
VINCENT C. GARCIA
KANDON HAYNES
DARYN HOUSTON
PERCIVAL LANUZA
ARNDREA LEWIS
ASHLEY MATSUNAMI
ANTHEA OBA
ANDREW STARBIN
JON WEAVER

Marvel Studios Technology

HECTOR BARRERA
VINCE CERUNDOLO
CHRIS COSSEY
BENJAMIN DAVITT
ALLYSON GEIGER
JUERG GRIEDER
JACQUELINE HUTCHISON
NICHOLAS HYBL
GEORGE KOUSAROS
JUDY LIN
LEELA NAVARRO
KARLA SILVA
ISABELLE WARD
ALDO BIERY
WILLIAM CHANDLER
EMMA CUITINO
KARTIK DEO
LUOWE GOANEH
JJ HABENICHT
HEAJUEN HWANG
BO KOMEN
GILBERT LAUN
JORDAN MCBRIDE
VINH NGUYEN
KEVIN VENABLE
STEVE ZASLAVSKY

Marvel Studios Security, Content Protection, and Facilities

BARRY CURTIS
MARC ZORN
AMBER ZAZUCKI
MADISON GREEN
MARIA MATSARIDIS
ISAAC HUNTINGTON
MAT DORNEY
ALECIA EMERSON-THOMAS
PAYDEN EVANS
MELISSA DAYAO
JACOB BISSELL

Marvel Studios Costumes Team

WENDY CRAIG
HUNTER CRAIG
CORY PRATT
TY MILLER
DOMINICK DERASMO
DOUG MALLETTE
CHRIS NEWLANDER
ROSS FLEMING
MIKE MACFARLANE
BOB MOORE, JR.

Marvel Studios Plates Lab

CHRISTOPHER CHAPMAN
MEGAN FLOOD
XAVIER ROMO
JOSH DAGG
COLLIN PELTON
YEANN TAI

Echo Created by ..... DAVID MACK and JOE QUESADA

With Special Thanks To

KYLE CHARLES
LUCA MARESCA
JOHN ROMITA SR.
DAVE ROSS
STAN LEE
JIMMY PALMIOTTI
REBECCA ROANHORSE

## WALT DISNEY STUDIOS

President, Marketing ..... ASAD AYAZ
EVP Marketing ..... FRANK CHIOCCHI
SVP Marketing ..... RYAN STANKEVICH
SVP Creative Advertising ..... JOHN "IBBY" IBSEN
SVP Digital Marketing ..... JESSICA INTIHAR
Head of Operations ..... RACHEL HUTTER
SVP Global Digital Studio Operations ..... DANIEL BAMSEY
Mastering Executive ..... ANDREW BRUTOCAO
VP Client Services ..... STEPHEN SWOFFORD
Sound Services Manager ..... DAWN BIRO
Projection Services Manager ..... SAL VALLETTA
Filmmaker Services Executive ..... SHANNON REID STEPHAN

Filmmaker Services

MADISON MERRITT
NATALIE MANGIONE
CHRISTOPHER ALLEN
JASMINE OSUNA

EVP Publicity ..... MICHELLE SEWELL
VP Publicity ..... KARA SPECTOR
VP Film Production Planning ..... MARYANN HUGHES
VP Technology Architecture ..... SHADI ALMASSIZADEH
VP Insights & Analytics ..... ERIK CROUTHAMEL
VP Sound Post Production ..... BRIAN SAUNDERS
Projection Engineering Supervisors ..... KENT PETERSON
MIKE SCHUBERT
Post Production Engineers ..... FRANCISCO J. PAREDES
MEGAN LUSK
VAN LUONG
STEPHANIE HAAS
SVP Global Partnerships ..... MINDY HAMILTON
Risk Management ..... MATT RUFFNER
JENNIFER DOMINGUEZ
Credit & Title Administration Executive ..... KIRK RINGBERG
Credit & Title Administration ..... JENIFER BETH KAPLAN
JON HOEVELER

Walt Disney Studios Marketing

MICHAEL IMPERATO
BRIAN MCKENNA
STEVE NUCHOLS
MICHAEL TRICE
BARBARA A. LANGE
RHONA NICI PARRY
DUSTIN SANDOVAL
LAUREN WRIGHT SOBEL

Avid Engineering

JEFFREY K. FU
BRENT KOETTER
STEPHEN POTTER
KIEL HUNT
GABRIEL B. LARA
IAN YOUNG

## VISUALIZATION

Visualization by
THE THIRD FLOOR

Visualization Supervisors . . . . . BRI MEYER
JASON THIELEN
CAITLIN INZINNA
SCOTT HANKEL
Visualization Editors . . . . . ETHAN MANIQUIS
JASON M. HARVEY
Visualization Producer . . . . . ELIZABETH MONTES
Visualization Line Producers . . . . . BRETT GRISHAM
MEGAN HARGER
Visualization Production Manager . . . . . TANNER BRANDT
Visualization Coordinator . . . . . ALYSSA NICHELE ANDERSON
ASH MALONE

Asset Artists

CALVIN SHAWN TRAN
ERIK SHVEIMA
STEVEN SEYDEL
MARIA SERRANO
DOM LUKOW
MELANIE CELIS

Visualization Artists

LAZARO HERNANDEZ
SEBASTIAN ARIAS
DANIEL W. BARLOW
EDWARD PERRY SMITH
JOSHUA THOMAS OGLE
JAEHYUN YOO
DANIEL WIGGINS
KAZUNOBU SANO
JUSTIN FRAZIER
ELIZABETH LEE
ROY CUNNINGHAM
ISAAC RAMIREZ
JIAMIN KINO WU
STEPHANIE HIDALGO
NICHOLAS DUBOIS
DAVIES RUSHING
JORGE DE LA CADENA
HANNAH LEE
SKY SMOOT
ALEXANDER J. FRENCH
HECTOR AGUIRRE
ASHLEY TRAWICK
LOUIE MONTOTO
TIMOTHY N. TEAMER
JASON BURNS

Management

CHRISTOPHER EDWARDS
JEREMY ODDO
LAUREN MOORE
MARKUS RISTICH
KARA MISENHEIMER
DANE ALLAN SMITH
ALLIE KOPPEL
LAURA ZENTIL
KRISTINA LESIK

## VISUAL EFFECTS AND ANIMATION

Visual Effects by
BASE FX

VFX Supervisors . . . . . JARED SANDREW
WANG LEI
Production Managers . . . . . BRON BARRY
SHEENA ZHAO
Head of Production . . . . . SONIA NIU
Asset Supervisors . . . . . WANG XINGAN
HON WUI YAP
Effects Supervisor . . . . . QIN YAN
Digital Matte-Painting Lead . . . . . WANG LU
Lighting Leads . . . . . LAVENDER YUAN
WANG HAO
Rigging Lead . . . . . ZHANG MINGMING
VFX Editors . . . . . GONG KE
WANG QI
Base FX Executive Producer . . . . . SHAD DAVIS
CEO . . . . . CHRIS BREMBLE
Production Coordinators . . . . . DENG KUN
LAUREN YIN
CG Supervisor . . . . . JIA GUODONG
Effects Lead . . . . . DENG HONGJI
Comp Lead . . . . . WU TIANGE
Roto / Paint Leads . . . . . ZHANG YUNFEI
. . . . . SUN JIANWEI
Matchmove Leads . . . . . LI BIN
MELODY LIU

Production Team . . . . . NURUL BALKINS HAIRUL ANUAR
CEEJAY CHIN
LORCA ZHAO
LIU MINGYUE

Asset Artists

CHUN LIANG NG
LI XIANG
WANG ZHIHAN
CHARLTON CORDOBA
WANG QI
KOK KIM KHOR
LIU MI
ZHANG CHUNJIE
TIAN FUGUO

2D Artists

CHANG YANG
FENG DAN
HE SHUANG
HU ZIYI
LI AOZHE
LIU HENGQUAN
LIU YONGLE
NIU MINGLI
QIAO WENFA
WANG JIABIN
WEI LIMEI
YIN SHUAI
XU CHENGCHENG
FENG WU
LI YAPING
SHI YANXING
WU LIXIA
CHANG ZHUANG
DENG HAONAN
GUO SHENGMING
HAN HUIQIN
HUANG HAORAN
LI XUECHEN
LIU LIRONG
LU XIAOJING
QIAO YIZHE
SUN ZE
WANG PANPAN
YANG YANG
ZHANG JIALIN
AN MING
KANG JIAN
OU JUN
SUN YULI
ZHANG XUEFENG
LIU HUIDAN

3D Artists

BI YANCANG
CHEN LONG
DU JIANGFAN
FAN PENGBO
GONG SHUAI
HE XIAOMENG
HU KUAN
HU LIJIAO
JING YIFAN
KAH YEE LEE
LI CHONG
LI JINGXIN
LI PINXUAN
LI RUNLIN
QIU KANG
RAMESH EDUPALLI
SUN PEIYANG
WANG LIN
WANG YINGAO
WEI HAIXIA
XIE LIYAN
XU ZHE
YANG HUIYU
ZHANG QING
DONG QINGBIN

IT & Pipeline Support

CAO FEI
WANG XUESONG
ZHANG CHUNXIAO
ZHANG YANTAO
CHI YUREN
LIANG YUE
LIU ZHIWEI
QIANG BAOSHI
WANG HAO
XIE MINGHUI

Visual Effects by
DIGITAL DOMAIN 3.0

VFX Supervisor. . . . . ALADINO DEBERT
VFX Producer . . . . . RYAN WILK

Supervisors and Production

ERIC M. BEAVER
DAVID LIU
LAUREL MONTGOMERY
ARDA UYSAL
ROB VIGORITO
KEN NELSON
DAVID AN
JENNIFER AVERY
FRANCIS BAYARD
RAJASHEKAR BOLLARAM
SRIDHAR EGA
ELEANOR MATTHEWS
VIJAY RANGU
LILIAN ROSE SMITH
AUBREY LADAN
NEHA SANDHU
MATTHEW WADE STOKES

Lead Artists and Digital Artists

CYNTHIA ARAGÓN TREVINO
JOE CHIANG
ERIC COWAN
JANET FREEDLAND
VENKAT GADDAMPALLY
KISHOR JOSHI
MARION MAHU
JAYMIE MIGUEL
TANNER OWEN
HAREESH POLA
MURTHY PUTREVU
HANUMANTHA RAO B
SRINIVAS REDDY VONTELA
NAGUR SHAIKH
EDMOND SMITH III
NELSON SOUSA
PAVAN SUTRAYE
CHRIS WATKINS
EUGENE ANTSIFEROV
RYAN BRIDGER
JOSH CLOS
RAFAEL FRANCISCO COLON
NAVID DADGAR
MARIA DELGADILLO RICAUD
RAFAEL ECHEGARAY
JORDAN FAST
VICTOR UTKU GOCER
JIM HATIBARUA
THOMAS HOZE
MANUEL HUERTAS MARCHENA
SYED HASSAM HUSSAIN JAFRI
BRUNO KAWABATA
PAUL KULIKOWSKI
NEMA SAFVATI
NICHA KUMKEAW
SEUNG JAE LEE
RAPHAEL LEGROS
ANDREW LEMA
MATTHEW LUCAS
PATRICK MANNING
NICOLAS NDAME EBOSSE
MAXIME PELLETIER
CLARISSA PEÑA
ASHWIN SAREEN
YOANN SCHMID
SHRIVAS SHYAMSUNDAR
TAMARA STONE
KRISZTIAN SZEIBOLD
SUSIE THULLIEZ
JASON TRANETZKI
JEREMY YEO-KHOO
DENNIS DUHUI YOON
SRIHARI REDDY AMUDAM
SUDHA SRINIVAS MUSUMURU
BALACHENDER ARROLLA

Visual Effects by
LOLA | VFX

VFX Executive Producer . . . . . WILL ANDERSON
VFX Producer . . . . . KATHARINE MEADOWS
VFX Supervisor. . . . . TRENT CLAUS
EP/Supervisor. . . . . EDSON WILLIAMS
VFX Coordinator . . . . . LAURA B. ABELLAN
Accounting . . . . . CARLOS MORENO

Digital Artists

BRIAN HAJEK . . . . . CHRIS CABRERA
DAVID MYLES . . . . . RUSSELL MACK
TAKAHIDE NAKAMURA . . . . . NATSUKO YAMASHITA
MATT CORDERO . . . . . SUN LEE
WEI-LING FU . . . . . ROUSSELOS ARAVANTINOS
SIMON DEIGHTON . . . . . JASON SCHAEFER
DAVID HERNANDEZ . . . . . CLIFF WELSH
LOENG WONGSAVUN . . . . . CHRISTIAN SALVADOR
JACOB METCALF . . . . . SHANNONN ALCANTAR
RYAN E. MURPHY. . . . . ANDREW STUCHLIK
MEGAN WHISENHUNT. . . . . SOPHIA STUEVEN
ALLY HALL . . . . . ABBY HALL
ANGELA WALSH. . . . . KAYLEE HATFIELD
ANNIE WANG . . . . . JAMES O'BRIEN
GREG MEADOWS . . . . . ALEXANDER PAEN
COREY LAISURE . . . . . BRIGETTE MARTINEZ

Visual Effects by
SSVFX

VFX Supervisor. . . . . ED BRUCE
VFX Associate Supervisor. . . . . AMREI BRONNENMAYER
Head of 2D . . . . . ROBERT HARTIGAN
Compositing Lead . . . . . NIALL MOONEY
VFX Editor . . . . . SEAN HICKEY
Head of Technology . . . . . GARVIN MCGOLDRICK
System Engineers . . . . . DANIELE PELLEGRINI
ELYWELTON DE OLIVEIRA LOPES
LUKE FRENCH
RUTH KERR
Studio Manager. . . . . ELAINE DONOGHUE
VFX Producer . . . . . LAURA MCDOWALL
VFX Coordinator . . . . . KATIE REID
VFX Production Assistant. . . . . EDIANE BRUM
Head of Studio. . . . . NICHOLAS MURPHY
Head of Production . . . . . KENNETH COYNE
Pipeline TDs . . . . . CHLOE PIETTA
CHRISTIAN HEIN
KENDYLL HOGG
ROBERT THOMPSON
VALERII HUBA
Studio Coordinator. . . . . DANIEL BRADY

Compositors

ALEKSEI SIDORENKO
ANDREI GORAN
ANNA SORGON
ALESSIO CAVALLINO
BEA MUSAT
DANI PONS
EMANUEL BARTOLOZZI
GORAN KJULAVKOVSKI
HRISTINA PATKOVA
JORDAN LAIKING
KELLY O'FLAHERTY-LANE
LIDIA ROMERO MUNOZ
LUCIA PARIS
MIGUEL JARAMILLO POSTIGO
MYKHAILO TYMOSHENKO
ORIOL ARGULLOS
RACHEL HYNDS
RODOLFO ZANI
WILL SMITH
DAYNA CROSSAN
EDUARDO FARIA
SCOTT MULHOLLAND
SUGEY ALCIVAR MONCAYO
CLARA PANDO
IVAN GARCIA
CLAIRE CUSACK
KARL BROOKS
JASMINE POIANA
BLAISE WALSH
NICCOLO BARBERO
NICLA CINO

Executive Team ..... JAKE WALSHE
HUBERT MONTAG
MURA O'BRYNE

Visual Effects by
CANTINA CREATIVE

Senior Creative..... STEPHEN LAWES
VFX Supervisor.....TONY LUPOI
Systems Engineer .....DOUGLAS RENN
Cantina Creative Executive Producer..... DONNA CULLEN
VFX Coordinator .....MADELEINE MCKEE
Office Manager .....ADRIANA GONZALEZ

Artists

WES C. CAEFER
CARLY CERQUONE
MATT EATON
ROBYN HADDOW
NATE JESS
SAM RICHARDSON
PALOMA SKY RODRIGUEZ

Visual Effects by
SDFX STUDIOS

Visual Effects Supervisor .....GRANT LEE
Senior VFX Producer ..... MARK SIMONE
VFX Associate Line Producer..... KARI-LYN GRAVEL
Editors.....JESS JANSEN
GARRET HENRY
TD.....RYAN HIRSH

Production

KAIT BURNS
HAKIMUDDIN HUSAIN
MAYUR SURESHRAO ADMANE
SOUTRIK DEY
CHAITANYA ARUN GAUTAME
ASHISHKUMAR MISHRA
SIMRAN SARIF
JAMIE KNOOP
RAYMOND BENJAMIN SEQUEIRA
DEO ASHISH
MANISH WALMIKRAO MUDE
YOGESH KHEDKAR
NITHISH GARLAPALLI
VAISHALI GORADIA
KAMAKHYA PRASAD SAHU

Roto

AKSHAY KADAM
ASHUTOSH SINGH
BHAVESH T. PATIL
ANKIT KUMAR ASHOKKUMAR SHARMA
RANJEET MADHUKAR PATIL
JAYENDRA PRAKASH JADHAV
PRATIK DAS
SANKET GURAV
SUMAN KUNDU
CHANDRASHILA LALIT MANSUKH
SUDHA NAIDU L
MAHESH SANTOSH BAGUL
RUSHIKESH VEDPATHAK
SOMNATH J. KASAR
WAGHMARE AWANTI ANNASAHEB
VAIBHAV GAIKWAD
VAIBHAV JADHAV
ANIKET SHRIRAM GUJAR
OMKAR JADHAV
SURYAWANSHI KAMLAKAR
SUMED SALVE
HARMANDEEP SINGH
SUKANTA KUMAR SWAIN
KAPIL CHHALOTRE
ABHILASH BABY
AMLESH KOSHTA
SURAJ SHINDE
MANAGOVINDA SAHOO
ANKIT MISHRA
CHETANKUMAR BALASAHEB SHEWALE
DHANANJAY PRAKASH MALUSARE
GOVIND RAJESH DAIYYA
VAIBHAV DIGAMBAR KHAIRNAR
KANTILAL DNYANESHWAR YEOLE
DHANANJAY RAJENDRA PATIL
NILESH SANER
RASMI RANJAN SAHOO
VIJAY YADAV
DASYAPU MADHU

Paint

PRATIK BHAUSAHEB SHINDE
MOHAMMAD ABDUL WADOOD
AMBADAS SHESHRAO KANGARE
SUDHIR KHANDEKAR
PARAG RAJENDRA KAWALKAR
PINTU KUMAR
SUMIT PATIL
NILESH ASHOK JAGDALE
VINITA CHAUHAN
TUSHAR TULSIDAS BURSE
ANIKET SANJAY RELEKAR
TIPU SULTAN
RAVI KUMAR BHAGAT
PRATEEK MISHRA
ROHIT KUMAR SINGH
JAYANT RAMESH BHAVSAR
GAIKWAD RAHUL DATTA
KAKADE AKSHAY BAPURAO
KING KUMAR
NIRAJ KUMAR
MANGESH GOVIND GADEKAR
VISHAL D GORE
ARMAN MOHAMMAD AKHALAKH KHAN
AJAY KUMAR PATEL
GOVIND CHAUHAN
LAXMAN BHAGWANRAO DAFDAY
APURBA KUMBHAKAR
SUHAS PS
BIKRAM SINGH
ESWARA CHANDRA TOKURI
ANANYA SHIVHARE
ROHIT KHARADE
SRINIVAS POTTETI
PANKAJ MADHUKAR UMBARKAR
VENUKUMAR DEVARKONDA
SATISH AMBADAS WAKCHAURE
CHAVAN SHAM DINANATH
SUNIL KUMAR
AKASH KUMAR SINGH
MANISHKANT NARAYAN MEHTA
MANOJ KUMAR MARKAM
ABDULLA AJMAL AKHTER
RAHUL ANANDA KUMBHAR
MOHAMMAD AJAZ ALAM
KAILASH KUMAWAT
SHIPRA SRIVASTAVA
PRAVESH BHOYAR
SINGH SANJAY RAMRAJ

Compositing

YAEL MAJORS
VICTOR FERNANDEZ
DEREK TRACY
PETER DOROSZ
VILAS KANKUNTLA
SIVA NESAN
ARJUN SAHAPURKAR
VRUSHABH H KUMBARE
LEE MURRAY
MEGAN GRAHAM
HIMARAM MANDALI
VARDHAMAN PATIL
MAYANK MEGHRAJ DAHEKAR
NAMAN GUPTA
RISHABH KK WAL
GAURAV DHANDE
SAURABH SANJAY JADHAV
CHANDRASHEKHAR CHALLA
SUYOG MORE
ADITYA MALWADE
KUMAR ABHISHEK
SANTOSH KUMAR SINGH

Visual Effects by
BARNSTORM VFX

VFX Supervisor. . . . . CHUN SEONG NG
VFX Producer . . . . . SUMIRE TAKAMATSU
CG Supervisor. . . . . STEFAN SCHNEIDER
Compositing Supervisor. . . . . MICHAEL CRANE
Executive VFX Supervisor. . . . . LAWSON DEMING
Executive VFX Producer . . . . . CORY JAMIESON
Global Head of Production . . . . . CHAD HUDSON
VFX Production Manager. . . . . .KRISTINA LEE

Artists & Production Support

HONEY KHADEM
CLARA COULTER
ALEX YOUNG
ANTONIO CARBAJO BESCANSA
MARC BONNEVIOT
JACOB KUHNE
JOE SALAZAR
RICK RAVENELL
SILSUNNY DSOUZA
RALPH DE SOUZA
ANDREW STEIDTMANN
KA CHUN CHENG
MURIPALA SUNIL
WANDA KWOK
SANG MYEON PARK
DAVE LADNER
TARYN FOSTER
ERIK NELSON
VERONICA WANSTREET
JULIA PFEFFER
LAURA LEE
ASHISH RAISINGHANI
BENJAMIN CHENG
CHRIS MARTINEZ
PRATEEK RANGINENI
JAYRAJ KHARVADI
NICK CHAMBERLAIN
BEN MCDOUGAL
BRIAN HOBERT
KAREN HULSE
MARC BELL
KARTHIKEYAN KARUPPASAMY
ROBERT LAUGHLIN
JUAN FERRA
TAMARA MITCHELL
MICK REID
AKKO SINN
KENNETH ARMSTRONG
BILL PARKER
MARCUS RUBONE
MICHELLE PINARGOTE
BHARTI JOGIA-SATTAR
JOSE ALEJANDRO ENRIQUEZ
DANIEL CORONA
JUSTIN FOX
CAITLIN KNAPP
BETSY BINA
BRADFORD DAWSON
NICO PUCCIARELLI

Visual Effects by
SOHO VFX

Visual Effects Supervisor . . . . . KEITH SELLERS
Compositing Supervisor. . . . . DAN POWER
Lead Digital Artists. . . . . JORGE RAZON
Visual Effects Producers . . . . . KELLY MCCARTHY
ALLAN MAGLED
Visual Effects Production Manager. . . . . HAKYUNG CHANG
Visual Effects Production Coordinator. . . . . YASMEEN TAYARA

Digital Artists

DANIEL LUIZ CRUZ AZEVEDO
DANIEL LU
GRAHAM KARTNA
SCOTT PATTON
DANIEL HUNYOUNG CHOI
DANIEL ST-AMANT
RUSHABH SHAH

Lidar & Cyber Scanning by
CLEAR ANGLE STUDIOS

NOAH PARADISO
SARAH GRIFFIE
JHOURDYNNE WINSTON
VALERIE WILSON
TRENT SIEBENTHAL
MELINDA DOBBS
JOSH WORKMAN
MEGAN CALAMUSA
KELLY PRESTON
NELSON MENDEZ
JOE WARNER
BRIAN LABREC

Main Titles by
SAROFSKY

Executive Creative . . . . . ERIN SAROFSKY
Creative Lead/Design & Animation . . . . . .STEFAN DRAHT
Titles Editor. . . . . TOM PASTORELLE
Sarofsky Executive Producer. . . . . STEVEN ANDERSON
Sarofsky Producer. . . . . KELSEY HYNES

Design and Animation

ARIEL COSTA
JENS MEBES
JOÃO VAZ OLIVEIRA
ANDREI POPA
MATTHEW NOWAK
DAN MOORE
MOLLIE DAVIS

End Titles by
EXCEPTIONAL MINDS

VFX Studio Executive. . . . . .MICHAEL SCHMUECK
VFX Compositing Supervisor . . . . . BRETT MCCONNELL
Lead Title Artist . . . . . THOMAS HARMONSON
Lead VFX Artist. . . . . ISAIAH STRUM

Post-Production Sound Services by
SKYWALKER SOUND
A Lucasfilm Ltd. Company – Marin County, California

Sound Designer. . . . . JON BORLAND
Sound Effects Editors. . . . . .JESSEY DRAKE
TERESA ECKTON
Dialogue Editors . . . . . RYAN COTA
EMMA PRESENT
SHAUN FARLEY
DMITRI MAKAROV
ADR Editors. . . . . .MARILYN MCCOPPEN
CHERYL NARDI
Foley Editors. . . . . DEE SELBY
IAN CHASE
Foley Artists . . . . . ANDREA STELTER GARD
SEAN ENGLAND
Foley Mixers . . . . . BONNIE WILD
CHRISTOPHER MANNING
Assistant Re-Recording Mixer. . . . . DEREK MCGINLEY
Assistant Supervising Sound Editors . . . . . MICHAEL LEVINE
GREG PETERSON
Engineering Services. . . . . AIDEN SMITH
Digital Editorial Support. . . . . .SCOTT THEAKSTON
Post Production Sound Accountant. . . . . DANIELA PONTORIERO
Client Services . . . . . EVA PORTER
Sr. Manager, Studio Capacity . . . . . .CARRIE PERRY
Head of Production Finance & Planning. . . . . MIKE PETERS

Head of Engineering ..... STEVE MORRIS
Head of Production ..... JON NULL
General Manager ..... JOSH LOWDEN

ADR Recorded at
THE WALT DISNEY STUDIOS – Burbank, CA
ADR Mixer ..... DOC KANE
ADR Recordists ..... BRETT VOSS
DOUG PARKER

Sound Engineers
ANDY WINDERBAUM
DAN ABRAMS
RYAN ROBINSON
RYAN STERN
DANIEL TAPPAN
TREVOR WARD

Additional ADR
IGLOO MUSIC
SMART POST ATLANTA

ProADR Looping ..... ML GEMMILL
BERNIE VAN DE YACHT

Loop Group
JOANNA DELANE
ALEJANDRA JAIME
JACOB PRATT
JUSTIN SHENKAROW
JASON LINERE WHITE
DAVID HECKEL
SANCHO MARTIN
LIBERTY RAE CASPER-DOWNS
ELIZABETH SUTHERLIN

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Dailies Assists ..... JERRELL SIMPSON
JOEY HILL
Sr. Color & Workflow Engineer ..... CHRIS BRANDS
Dailies Engineer ..... CHRIS GIUFFRIDA
Dailies Project Manager ..... DENISE WOODGERD
Dailies Operations ..... CHRIS VAN DUYN

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## MUSIC

Executive Assistant to Mr. Jordan ..... AMANDA BEIR
Orchestrations ..... TIMOTHY WILLIAMS
Conductors ..... CHRISTOPHER GORDON
Contractor ..... ALEX HENERY
Choir Contractor ..... ELIZABETH SCOTT
Orchestra ..... SYNCHRON STAGE ORCHESTRA
Pro Tools Engineer ..... JEFF GARTENBAUM
Pro Tools Operator ..... LIAM MOSES
Additional Mixing ..... THOR FIENBERG
Score Mixer ..... SCOTT MICHAEL SMITH
Score Mix Technician ..... ALBERTO CRUZ
Scoring Engineer ..... CRAIG BECKETT
Assistant Score Engineers ..... CHARLIE HOWE
ISAAC ROSS
Score Recorded at ..... THE SIMON LEADLEY SCORING STAGE,
TRACKDOWN STUDIOS
Score Coordinator ..... ELAINE BECKETT
Featured Choctaw Musicians ..... PRESLEY BYINGTON
GARRISON JOE
Music Librarian ..... CAROLYN BURKE
Music Preparation ..... ROSS DEROCHE
JONATHAN DEROCHE
Music Coordinator ..... CHRISTIAN ZABALA
Music and Song Coordination .... ENCOMPASS MUSIC PARTNERS
Music Clearance and Legal Services ..... CHRISTINE BERGREN
ALEXA COLLAZO

Featured Choctaw Vocalists
BRENNER BILLY
PHILIP BILLY
ALISHA WILLIAMS
BRYON BILLY
LISA JOHNSON-BILLY
SETH FAIRCHILD

**HEART OF A LION (ILLUSORY ALCHEMIST REMIX)**
Performed by Dubkiller and Mark Victor
Courtesy of Riptide Music Group

**SCHUBERT SERENADE D889 FOR SOLO PIANO**
Written by Franz Schubert, arranged by Eric Artz
Performed by Eric Artz
Courtesy of BMG Production Music, Inc.

**BURNING**
Written by Brian Chase, Karen O, Nick Zinner,
Robert Gaudio, and Peggy Farina
Performed by Yeah Yeah Yeahs
Courtesy of Secretly Canadian

**THAT EMPTY FEELING**
Written by Ronald E. Dove
Performed by Ronnie Dove
Courtesy of MasterRecs

**SING TO ME**
Written and Performed by Kallie Jean
Courtesy of Cicadelic Records
By arrangement with Mutiny Recordings

**DOWN TO THE RIVER TO PRAY FROM**
**"O BROTHER, WHERE ART THOU"**
Traditional
Performed by Alison Krauss
Courtesy of Lost Highway Records
Under license from Universal Music Enterprises

**BREAD & CHEESE (FT. BLACK BEAR)**
Written by Dan General, Ian Campeau, and Ehren Thomas
Performed by The Halluci Nation
Courtesy of Radicalized Records
By arrangement with The Greater Goods Co.

Soundtrack album available on

MARVEL MUSIC HOLLYWOOD RECORDS

**SPECIAL THANKS**

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Camera dollies provided by
CHAPMAN LEONARD

Filmed at
TRILITH STUDIOS

Drone Photography Provided by
ASCEND AERIALS

AVID equipment provided by
EPS CINEWORKS

Digital Projection Technology and
Managed Services provided by
CHRISTIE

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Rialtas na hÉireann
Government of Ireland

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CREATIVE BC

BRITISH COLUMBIA

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Production Services Tax Credit
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